

Best Campus for **ENGINEERS B.TECH | DIPLOMA**

SYNERGY GROUP of INSTITUTIONS

DHENKANAL | BHUBANESWAR







Accredited by NAAC (UGC), Government of India



Accredited by National Board of Accreditation (NBA), New Delhi



Approved by AICTE Govt. of India



Affiliated by BPUT, Odisha Approved by AICTE Govt. of India SCTE & VT Govt. of Odisha



Accredited by National Assessment & Accreditation Council (NAAC). Govt. of India from 2014 to 2019 No-NAAC/WH/Cert-A&A/EC (4th SC)/77/2014

1st Engineering College in Eastern India to be Certified as an ISO 9001:2015 Institute for its **Quality Management System**

The National Board of Accreditation-AICTE, New Delhi has accredited 4 Departments No- NBA/ACCR-762/2005 (2008-2011)

MOU with Penn State University. Pennsylvania, USA, Bard Holding Inc., Morrisville, PA-19067, USA, NI Systems (India) Ltd. and **BOSCH Rexroth India Ltd.** Recognised by DSIR Govt. of India

MISSION

To impart quality Engineering Education and Technological skills. To empower students with professional competency to meet global changes. To include the habit of continual learning, the spirit of compassion and human values among students. To nourish the qualities of leadership, entrepreneurship, innovation and ethics. To create an outstanding ambience of academic and intellectual pursuit, innovative research and physical activities.



Greetings

l extend a warm welcome to all the budding engineers! At Synergy, you will not only imbibe knowledge - acquire a job but also you will be groomed for the future and find a new direction to your life. You will create jobs and contribute to the society and that will be the true measure of our success. As future leaders, you will pave the way for further developments in the field of engineering and contribute towards its growth. The vast playing field of engineering is open to you and your determination will take you to great heights which will help you reach your ambition. This is the right time to build your life, to inculcate values and live by principles. Hard work and dedication to your discipline are the two friends you need by your side to achieve the pinnacle of success. I am here for you not as the Chairman of Synergy Group of Institutions or the Secretary, OPECA, but as an educationist and well wisher. I am receptive to suggestions from all quarters and our communication channels are always open for you.



Be your own master.

Be the greatest in your field.

Walk in the hall of fame.

Dream of, not only success
but also aspire for greatness.

- Binod Dash Chairman & Managing Trustee



Synergy Group of Institutions

The Synergy group attracts students from pan India mostly states of Eastern India to its campus at Dhenkanal and Bhubaneswar, both the campus are out of hustle and bustle of city in a natural green environment with state-ofthe-art infrastructure. Synergy institutions light the dreams and visions of every aspiring student to exceed expectations in the fields of their interest and grooms them to be professionally and ethically sound individuals. Synergy has many number of reasons for being one of the top institutions. Our education empowers individuals to challenge conventional thinking in pursuit of original ideas and give a big lift to excel in career and become hardcore experts.

This is the first institute to get Accreditation in four core branches (ETC, ME, CSE & EE) by NBA, NAAC (National Assessment & Academic Council), Govt. of India & Institution of Engineers. It is the first institution in eastern India to get ISO 9001:2000 Certification. The Synergy Group draws its academic strength from its highly qualified, experienced and dedicated faculties with 20 Ph.D holders, 79 M. Tech degrees and 108 other post graduates from reputed institutes like IITs and NITs. Faculties of the institute guided students to explore their career by organizing academic programs, trainings, career counseling through well coordinated modern aged Gurukul.

CAMPUS **ENGINEERING**

Synergy Dhenkanal



Synergy Institute of Engineering and Technology (SIET) was established in the year 1999, at Dhenkanal with the approval of AICTE. The expansive main building houses, spacious lectures halls, multimedia classrooms, tutorial rooms, well equipped laboratories, libraries and a Wi-Fi campus with internet connectivity. The campus offers B.Tech courses.

SIET Dhenkanal is centrally located in the state and 60 km away from the state capital Bhubaneswar and 45 km away from Cuttack. Nearest Railway station is Dhenkanal, well connected to New Delhi, Mumbai etc. Nearest Airport is Biju Patnaik International Airport, Bhubaneswar.

SYNERGY, DHENKANAL

Courses Offered

B.Tech Courses

At present Synergy Group of Engineering Colleges offer 4 years B. Tech degree course in the following disciplines:

Branch	Intake capacity
Mechanical Engineering	60
Computer Science & Engg.	180
Electrical Engineering	60
Civil Engineering	60
TOTAL	360

The courses are designed by BPUT, Govt. of Odisha, Rourkela with emphasis on developing Techno-managerial skills.

ee Structure

Yearly Tuition Fee for B-Tech:

per annum - Synergy Dhenkanal ₹ 70,000 - Synergy Bhubaneswar ₹ 64,000

Other Fees: 13,000/- for First year and 3,000/approximately for all other years will be extra as per guideline of fees fixation committee, Govt. of Odisha subject to change.

(Other fees includes University Registration fee, applicable other optional fee and refundable caution money except exam fee.)

Hostel fees for both colleges:

Lodging & Boarding per annum ₹ 52,500

Caution Money (one time refundable)

₹ 2,000

Synergy Bhubaneswar





Synergy Institute of Technology (SIT) was established in the year 2009 at Bhubaneswar. SIT offers 4 B.Tech. courses viz., Civil Engineering ,Computer Science Engineering, Electrical Engineering and Mechanical Engineering. The Institute is affiliated to BPUT.

Synergy, Bhubaneswar is situated at Bhimpur, near Phulnakhara in between Twin City, Cuttack & Bhubaneswar. Nearest Railway stations are Cuttack & Bhubaneswar, well connected all over India. Nearest Airport is Biju Patnaik International Airport, Bhubaneswar.

SYNERGY, BHUBANESWAR

B.Tech Courses

Branch	Intake capacity
Mechanical Engineering	60
Electrical Engineering	60
Computer Science & Engg.	180
Civil Engineering	60

TOTAL 360

The above courses are designed by BPUT, Govt. of Odisha, Rourkela with emphasis on developing Technomanagerial skills.

olarsnip

- 1st year and onwards scholarship from respective state Govt. for SC/ST/OBC/SEBC and minorities shall be arranged for eligible students.
- Other than this Management Scholarships are also available for the meritorious students of B.Tech and Diploma
- Attractive fee structure for Lateral students

Highlights

- · Outstanding academic results
- · Serene, scholastic atmosphere
- · Sophisticated equipment
- Infrastructure as prescribed by BPUT syllabus
- State-of-the-art laboratories
- Internet facility (24X7 100 mbps 1:1)
- Computerized departments
- An extensive Library
- Industries & Institution Interaction
- Separate hostels for boys and girls
- Inept Students Support Programme
- Merit scholarships and Financial Aids
- Personality Development Programme
- Proactive Human Resources Department
- Sports Facilities
- Placement Training & Opportunities

CAMPUS **DIPLOMA**

Dhenkanal











Synergy School of Engineering (SSE) Dhenkanal

Synergy School of Engineering (SSE) at Dhenkanal with the affiliation of SCTE & VT providing technical learning on different fields. With a vision matching to digital India and development of industries through massive globalization. The special attraction of the campus is that the students will be under experienced faculties of Engineering Status. The update Wi-Fi campus provides all facilities from sophisticated classrooms, tutorial rooms, fully equipped laboratories, libraries, canteen, ATM, hostel and playground for all sorts of sports and games.

DHENKANAL

Courses Offered

Synergy School of Engineering, offers Diploma Courses

In the following disciplines:

Branch	Intake capacity
Computer Science	60
Mechanical Engineering	60
Mining Engineering	60
Civil Engineering	60
Electrical Engineering	60
TOTAL	300

Course fee for Diploma:

Mechanical Engineering As per Electrical Engineering Govt.
Civil Engineering Rule Mining
Hostel Fee:

Lodging & Boarding per annum

Caution Money ₹ 2,000

₹ 43,000

(one time refundable)

Student Activities

Diploma at Synergy prepares the technical professionals to achieve the most of their potential through broad range of programmes, services and facilities to build a community and engage students as active learners and responsible citizens.

Various programmes are arranged to create leaders amongst the students and nurture the extra-curricular talents.

- · Annual techno-cultural festival.
- · Orientation Program
- Celebration of "Foundation Day"
- Celebration of National and International observation days
- Participation in Annual Athletic Meet, Indoor Sports, inter-branch and inter-college competitions in Cricket, Football, Volleyball and Basketball.
- Publication of literary activities in the annual magazine and Wall Magazine.
- Apart from different in-house competitions exposure to national and international participation.

Fee Structure

06

Bhubaneswar







Synergy Polytechnic (SP) Bhubaneswar

Synergy Polytechnic (SP) at Bhubaneswar with the affiliation of SCTE & VT providing technical learning on different fields. With a vision matching to digital India and development of industries through massive globalization. The special attraction of the campus is that the students will be under experienced faculties of Engineering Status. The update Wi-Fi campus provides all facilities from sophisticated classrooms, tutorial rooms, fully equipped laboratories, libraries, canteen, hostel and playground for all sorts of sports and games.

BHUBANESWAR

Synergy Polytechnic, Bhubaneswar

offers Diploma Courses in the following disciplines:

Branch	Intake capacity	
Computer Science	60	
Mechanical Engineering	60	
Civil Engineering	60	
Mininig Engineering	30	
Electrical Engineering	60	

The above courses are designed by SCT & VT, Govt. of Odisha in view of the demand of Industrial growth in the state as well as other states of India.

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- 1st year and onwards scholarship from respective state Govt. for SC/ST/OBC/SEBC and minorities shall be arranged for eligible students.
- Other than this Management Scholarships are also available for the meritorious students
- Attractive fee structure for Lateral Entry (meritorious students)

Highlights

- State-of-the-art infrastructure
- · Serene academic ambience
- Updated Labs
- 24x7 Internet facilities
- Digital Classrooms
- Multi stored Library
- · Visiting faculties from other institutions
- · Study tours
- · Separate hostels for boys and girls
- · Scholarships and Financial Aids
- Leadership Development Programme
- Human Resources Development and Training
- Sports & Games (indoor and outdoor)
- · Internship & Placement facilities
- Friendly environment with personal guidance

- Tie-up with PENN-STATE University for BS-IT (Dual Tie-up with NALCO, JSPL,VISA, TATA Steel, BRG, Degree) approved by AICTE/BPUT
- Tie-up with IIT, NITTR, NIT for faculty training and upgradation scheme
- Tie-up with RRL (Regional Research Laboratory, Govt. of India) now IMMT. Bhubaneswar for student internship & training.
- Center of Excellence for TIFAC CORE (Govt. Of India)
- Tie-up with Gyan Darshan-III (Technology Channel) for Technology E-Learning and Audio-Visual learning
- Tie-up with Xavier Institute of Management, Bhubaneswar for skill upgradation programme
- Tie-up with DELNET, INDSET-AICTE Consortium
- Recognised by DSIR Govt. of India
- Tie-up with C-DAC Pune
- Tie-up with IIT NPTEL for digital content learning models

- OCL, GMR, Bhusan for student internship/training under Industry-Institute partnership
- Tie-up with ORACLE or Workforce Development Program (WDP)
- Accredited by WIPRO TALENT++ for Campus Hiring and Engagement
- · Tie-up with INFOSYS for Campus-Connect initiatives
- Tie-up with WIPRO for Mission-10X initiatives for faculty development
- Tie-up with EMC for DATA Storage Management training for students
- Tie-up with L&T Infotech under PRAVESH initiatives
- Tie-up with Microsoft under education partnership initiatives
- Tie-up with Cyber Dojo alliance, Ahmedabad, Gujrat for advance cyber security programme

*2008-2011

More than 50,000 books | Book Bank facility | **Digital-Library supported by NPTEL**

Institutional Membership of the DELNET, NAD, NDLT and all types of Vernaculars, Magazines, National & International Journals.

Central Library





Laboratories and Workshops

State-of-the-art laboratories with sophisticated modern equipments adequate to conduct sessional classes and all types of Research & Development activities with computer & internet facilities. Laboratories are funded by AICTE MODROB Scheme.





E - Campus

- 9 computer laboratories in Computer Science Department have their own Computing Facility with 100% fast ethernet LAN With optical fiber backbone and WiFi facility in entire campus to access e-resources available on Internet & Intranet.
- VSAT connectivity for virtual online class room facility.
- 100 mbps dedicated internet facility 24x7.

State-of-the-art Communicative Language Center enables students to update their communication abilities through advanced software and sophisticated audio-visual equipment.

Communicative Lab





Transport Facilities

Safe & affordable transportation facilities are available for students and staff.



Excellence Centres / Societies/Clubs

- Nanotech center
- Linux Club
- Robotic club
- Renewable Energy Club
- NCC and NSS
- Rotaract
- **Hobby Centre**



- ISTE & faculty Chapter
- Mechanical Engineers Society
- Electrical Engineers Society
- · Society of Computer Science & IT
- Red Ribbon Club
- Music Club

- 100% hostel facilities for both Boys & Girls
- (2 girls & 5 boys hostels).
- GYM, First Aid, Library
- Indoor & Outdoor Games
- 24 Hours Security Service are available.

Hostels (Boys & Girls)





Banking services through Axis Bank with ATM facilities inside the campus. Cafeteria with fresh snacks & lunch facility.

Cafeteria



Sports complex with tennis, badminton, volleyball & basketball courts. Also with cricket ground, football ground & amphitheatre.

GYM Facility

Modern multi GYM for boys & girls with fitness equipments.

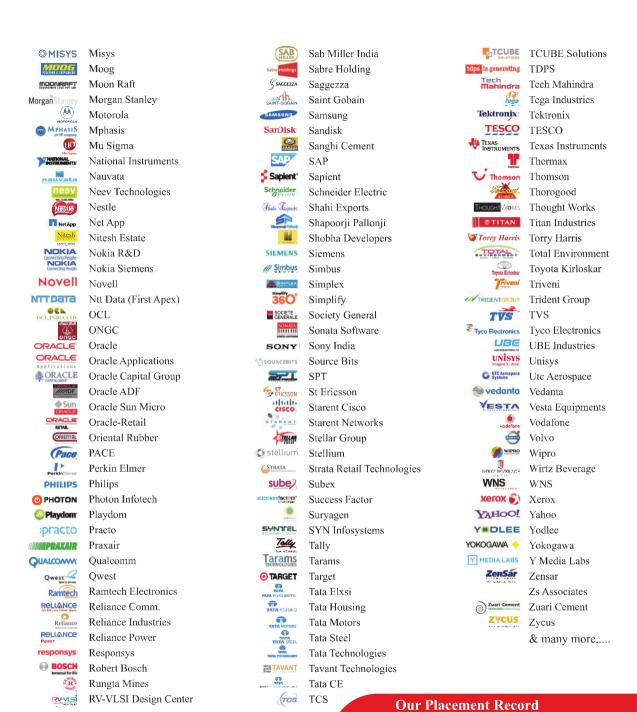






Global Placements Some of our Recruiters during the last 14 years

ABB	ABB India Limited	EXL	Exl Services	Infineon	Infineon
accenture	Accenture	Expicie Coro Commercia, Cul	Expicient	Informatica No esta-tiel to work-	Informatica
AD,	AGI glaspac	FACTSET	Fact Set	Infosys*	Infosys
amazon.com	Amazon	GGS	FCS	Infotech	Infotech Enterprises
Aricent	Aricent	Fidelity	Fedility	IOMOBI	Inmobi
Atosy Origin	Atos Origin	FICHTNER INDIA	Fichtner India	(intel)	Intel
≱ BAJAJ	Bajaj Auto	FICO	Fico	ıntuıt	Intuit
	Bhushan Steel	6 firetide	Firetide	<u>A</u>	ITC Agri Business Division
S Birlasoft*	Birla Soft	Dex	First Apex	THOMA III) I by a Lindyd	ITC Filtrona Limited
BRG	BRG Steel	flipkart	Flip Kart	CIK VECTOR	ITC Infotech
Capgemini	Capgemini	FMC Technologies	FMC Technologies	AND SECURITY SECURITY	ITC Paper Division
CAPILLARY	Capillary Technologies	freescale	Free Scale Semi Conductors		ITC Tobacco
CATERPILLAR	Caterpillar	1 futurefirst	Futures First	Ittion	Ittiam
CCI	Cci Valves	XGATI	Gati	A INVITCU	Ivytech
CDD.	Cdd	GE - ac thocira	Ge Health Care	JPMorgan 🟮	J.P. Morgan
⊖ Cerner	Cerner	GENPACT NITLEGET STREETS FRANCE OF PACKET	Genpact	JBM 🐌	Jay Bharat Maruti
OCOREL"	Cg Coreel	GEODESIC	Geodesic	Jda	JDA
cisco	Cisco	GlobalLogic	Global Logic		JMC
cîtî bank	Citi Bank	<u>GM</u>	GM	JOON DEERE	John Deere
CİTRIX	Citrix	Girmco	Gmmco	(M)JLL	Jones Lang Lasalle
☑cleartrip	Clear Trip	GAR	GMR	JPMorgan 🔾	Jp Morgan
Coca Cola	Cocacola	Gnostice-	Gnostice	JSW	JSW
commvault	Commvault	Goldman Sachs	Gold Man Sachs	JUBILANT	Jubilant
csc	Computer Science Co.	GOODRICH	Good Rich	Juniper	Juniper N/Ws
comviva	Comviva	Google	Google	KENNAMETAL	Kenna Metal
	CTS(COGNIZANT)	Grant Thornton	Grant Thornton	KIWI	Kiwi Foods
or the same	Cummins	(Å)	Gujarat Gas	Knowledgefaber	Knowledge faber
Cybage	Cybage	GUPTA POWER	Gupta Power	KRMG	Kpmg
OVER SE	Cypress	HARIOMACHINES	Hari Machines	LANCO Masse Intering	LANCO
DE Shaw & Co	De Shaw	HARMAN	Harman Engineers	LARSEN & TOURNO	L&T (Powai)
DELL	Dell	H Harman International	Harman International	LARSEN & TOURIS LIMITED Englassing Controlled Controlle	L&T Ecc
Deloitte.	Deloitte	HASH Soft Solutions	Hashed In	E L&T Integrated Engineering Services	L&T IES
DELPHI	Delphi	NYDRAULIK	Hawe	LG Electronics	Lg Electronics
δeltax"	Deltax	HCL	Hel	LG Soft India	LG Soft India
De Smet	De Smet	HCL	Hcl Generic	Linked in	Linked In
DAIKIN	Daikin	HCL NO TECHNOLOGIES	Hcl Technologies	LSI	Lsi Technologies
DIGITAL	Digital Insight	H CONTRACTORS	Heerema Marine Contractors	mCube	M Cube
Bulling	Digital Juice	∦ imalaya	Himalaya Drug Company	Mahindra COMVIVA	Mahindra Comviva
Direct <u>i</u>	Direct I	Hindustry United	Hindustan Unilever Limited	Mahindra	Mahindra & Mahindra
DR.REDDY'S	Dr. Reddy'S Lab	€ HONDA	Honda Motors	W McAfee	Mcafee Software India Pvt Ltd
e e	Ebay Pay Pal	Honeywell	Honeywell	(A)CF	MCF
ELG	Elgi	47	Нр	Merceles-Desg	Mercedes Benz
EMC ²	Emc	HYCOM INTERNATIONAL	Hycom	MetricStream	Metric Stream
enzen	Enzen Global	create	I Create	MICHELIN	Michelin India
ERICSSON #	Ericsson	⊚ iGATE	I Gate	BOSCH Invented for life	Mico Bosch
I MANUAL TEN NO.	Ernst & Young	@	12 Technologies	Microsoft	Microsoft
evi evi	Esi Software	The Supply Chain Company	IBM	miebach [©]	Miebach
ESSAR	Essar Group	PICICI Securities	Icici Securities	Mindtree Witness appeals	Mind Tree
EXETER	Exeter	indegene.	Indegen INDO-MIM	A	Mindfire
EXILANT	Exilant Technologies	1NDO-MIM	Indo-Mim	MISTRA_	Mistral Solutions
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Placed through campus recruitment



Higher Education & others

2021-2022 22 Recruiters 103 + offers2020-2021 20 Recruiters 107 + offers2019-2020 24 Recruiters 122 + offers129 + offers2018-2019 22 Recruiters 2017-2018 36 Recruiters 145 + offers

Global Placements

Some of our Recruiters during the last 14 years



Synergy is proud of the Engineers working worldwide

Degree Wings



Chanchal Chitwan
Ministry of Defence, Govt. of India, Delhi
Asst. Director at ARMED FORCES HQ
Civil Services



Sicon Mishra Technical Services (TL) IBM, Delhi



Kunal Chandra
Accenture, SAP ABAP
/ ABAP for HANA,
Sr. Consultant, Bangalore



Ved Prakash Mishra Sr. People soft Administrator & Architect, Larsen & Toubro Infotech, Maharastra



Kumar Gourav Allegies Group Sr. Software Testing Engineer, Bangalore



Suman Thakur AMERICAN EXPESS Phoenix Arizona, USA



Antish Behura
Capgemini
Sr. Software Developer
Bangalore



Jyoti R. Panda BANK OF NEWYORK TechnicalLead MELLON



Ashutosh Pradhan Xerox Business Services Sr. SQA Engineer Bangalore



Santosh K Moharana Mercedes Benz India Sr. Consultant Bangalore



Swapna Sagar Mohanty ORCALE,India Sr. Consultant Bangalore



Kamalakanta Choudhury Wipro Sr. Consultant (Sales) Bangalore



Mitali Das Mohapatra BRIGHT SYSTEMS Data Base Administrator Cleveland, Ohio



Sujit Panigrahi ATOS Team Leader Netherlands



Swagatta Dutta MOUNT TITLIS Engelber, Switzerland



Aryasindhu Sahu L & T Technology Services Ltd Sr.Testing Engineer



Sangram Keshari Singh PPL .LTD Dy. Manager, Paradeep, Odisha



Aman Kumar Das ASO, Secretariat Govt. of Odisha, BBSR



Chinmaya Panda COGNIZANT Enterprise Architect USA



Rupam Roy NOKIA Technical Specialist Bangaluru



Deepanwita Maity COGNIZANT SAP Consultant Bangaluru



Raja Prasad AMERIPRISE FINANCIAL USA



Asutosh Ratha
PRICE WATER HOUSE
COOPERS PVT. LTD
Manager, Bangaluru



Tadasha Nayak IBM INDIA ASE Bangaluru



Soymya Hota FUJITSU System Architect Bangaluru



Subhashree Suchismita Govt. Of Odisha



Soumya Satavisa ODISHA CIVIL SERVICE(OAS) ODISHA CIVIL SERVICE (OAS) Govt. Of Odisa



Madhulika Mandal COGNIZANT Manager Irving, Texsas



Ashutosh Mishra TCS Asso. System Engineer Bhubaneswar



Khusboo Singh Coginizant India Developer at Cognizant Mobility, Kolkata



Jitendra K. Panigrahi Thermax Limited (Boiler & Heater Group) Mechanical Engineer Pune



Prabin Navak Philips Innovation Services Sr. Software Engineer Bangalore



Abhiman Mishra JSW Dharamtar Port Pvt Ltd Asst. Manager Mumbai



Gulshan Kumar Zaptech Solutions Pvt Ltd Sr. PHP Developer Ahmedabad



Ankit Kumar AMAZON India Sr. HR Associate Mubai



Abhishek Mohanty Ilahiring Technology Pvt. Ltd. UI/UX Designer Ahmedabad



Saswat Sachin Mishra Accenture Software Engineer Hyderabad



Sankalp Mishra Reliance Communication Veritas Netbackun Administrator, Mumbai



Rajiv Hota TATA Motors Product Manager (Automobiles) Jamsedpur



Anil Kumar Samal Marvell Semiconductor Software Quality Analyst Redmon, Washington



Nitesh Kumar **EXiLANT Technologies** Software Engineer Bhubaneswar, Odisha



Priya Ranjan Pani Keysight Technologies R & D Software Engineer Gurgaon, India



Prasanta Sarangi Sterling & Wilson (P) Ltd Electrical Engineer Bangalore



Rimpy Patel Robert Bosch Sr. Embedded testing Engineer



Charmi Doshi ADP **Business Process Lead** Hyderabad



Madhulika Mandal CAPGEMINI ITSM / HP BTO Technical Consultant Bangaluru, Karnataka



Pratikshya Mishra Walmart Global Tech India Software Developer Bangaluru



Ritu Roy Analyst Developer 2019 Batch, Capgemini



Satyabrata Sarangi Doctoral Student Researcher at University of California, Davis



Malyasabha Pattnaik INFOSYS LDT. Technical Lead Hightech City, Bhubaneswar



Rajib Ku. Mahunta Prasar Bharti (AIR) Transmission Executive Joranda, Dhenkanal



Arpita Aprajjita WIPRO Software Developer Bangaluru



Kuldeep Choudury Tata Consultancy Services SAP Basis Consultant Bangaluru



Chandrakanta Rath TATA HITACHI, WCL MINES **Business Consultant** Mumbai, Maharashtra



Chitta R. Routroy VODAFONE ESSAR SPACETEL LTD Team Leader Navi Mumbai

Global Placements

Some of our Recruiters during the last 14 years



Sumit Rupam Souray UPSC, Indian Engineering Service, New Delhi



Ankita Sahu GRADUATE RES. ASST. MS. Huston, Texsas, USA



Sanu Das **ORACLE CLOUD** Infrastructure. North Carolina, USA



Sruttakriti Biswal OPSC, Asst. Executive Engineer



Jyoti Prasad Nayak OPSC, Asst. Executive Engineer Odisha



Sanjukta Singha OPSC, Asst. Executive Engineer Odisha



Dibvanshu Prasad Das Evation Business Solution, Senior Software Engineer Entrepreneur, Cuttack



Sameer Hussain Royal Dutch Shell India



Pradeep Kumar Ghadei KOTAK MAHINDRA BANK Manager



Bikash Pattanaik Phd SCHOLAR IIT, Jodhpur



Biswa Ranian Behera TATA POWER Lead Engineer,



Abhishek Mund Phd Scholar IIT, Goa



Naresh Kumar Kar AMCHEM PRODUCTS, Project Engineer, Noida



Gaurang Behera DELHI METRO System Engineer, Delhi



Monica Kumari Quality Analyst Bangalore



Sandeep Nayak **V**EDANTA Network Engineer,



Pyush Pradhan JE(Electrical), PRAJ, PUNE



Ashok Kumar Sahoo Canera Bank Asst. Manager



Surya Kanta Acharya TATA STEEL, Project Engineer, Kalinga Nagar, Jajpur



Punam Mohapatra INFOSYS, Software Developer, Bhubaneswar



Heena WIPRO Software Developer, Bangalore



Abdul Mokim IBM, Software Developer, Bangalore



Bikram Kumar Swain Tech Mahindra Senior Software Engineer



Anwesha Anindita WIPRO Ltd, Bangalore



Subham Mohapatra MERCEDES-BENZ Bangalore



Sachidanand Roul Central Water, Junior Engineer Bhubaneswar



Manas Ranjan Kar Junior Engineer Public Works Dept Paralakhemundi



Subhakanta Sahoo Junior Engineer L & T Construction PVT. LTD. Cuttack



Abdul Mokim Software Developer at IBM Bangalore



Sringarika Sahay Accenture Bangalore

Diploma Engineers working worldwide



Dinesh Behera Mother Sons ® Ltd. Mechanical



Jaybharat Maruti Electrical



Bikramadiyta Gochhayat Jagyansha Nayayan Mishra Jaybharat Maruti Electrical



Sambit Kumar Patra Minda Industries Pvt. Ltd, Chennai



Satyajit Sahoo Minda Industries Pvt. Ltd, Chennai



Premjeet Prusty Minda Industries Pvt. Ltd, Chennai



Prasanna Behera Minda Industries Pvt. Ltd, Chennai



Durga Prasad Patra Minda Industries Pvt. Ltd, Chennai



Biswajit Sahoo Minda Industries Pvt. Ltd, Chennai



Saumya Ranjan Parida Minda Industries Pvt Ltd Chennai



Mohammad Afzal Imam Minda Industries Pvt. Ltd, Chennai



Y Mohit Rao Minda Industries Pvt. Ltd, Chennai



Soumya Ranjan Swain Minda Industries Pvt. Ltd. Chennai



Sunil Ku Yadav Royal Enfield Re-Academy, Madurai



MD Danish Ansari Royal Enfield Re-Academy, Madurai



Ashok Kumar Naik JSW, NUAGAON IRON ORE BLOCK, Diploma Engg Trainee. Keonihar.



Sambhunath Barik JSW, NUAGAON IRON ORE BLOCK, Diploma Engg Trainee. Keonihar.



Rajan Munda MOTHERSON AUTOMATIVE TECH. Diploma Engg Trainee. Guiurat



Birju Kumar MOTHERSON AUTOMATIVE TECH. Diploma Engg Trainee. Gujurat



Akash Kumar Nayak MOTHERSON AUTOMATIVE TECH. Diploma Engg. Trainee. Gujurat



Rajesh Kumar Sahoo TRIBENI EARTH MOVERS. JODA ,Diploma Engg Trainee. Keonjhar.



Sumuit Kumar Mallick MOTHERSON AUTOMATIVE TECH. Diploma Engg. Trainee. Diploma Engg. Trainee. Gujurat



Sukadev Naik JSW, NUAGAON, Keonjhar



Bisweswar Mahanta JSW, NUAGAON IRON ORE BLOCK Diploma Engg. Trainee. Keonjhar



Asish Lakra **MOTHERSON** AUTOMATIVE TECH. Diploma Engg Trainee. Gujurat



Omprakash Behera Jaybharat Maruti Electrical



Pinaki Bhusan Mishra Jaybharat Maruti Mechanical Branch

39 Engineering LABS

CIVIL LAB

CONCRETE & MATERIAL TESTING LAB

- · Cement tensile testing machine
- · Sieve shaker
- · Aggregate Crushing test apparatus
- Compaction factor Apparatus
- Concrete mixture
- Relative Density Apparatus
- Universal testing mechine & all assesories

GEOTECHNICAL LAB

- Direct shear test apparatus
- · Triaxial shear test apparatus
- · Permeablity test apparatus
- · Compaction test apparatus
- Consolidation test apparatus
- · C.B.R test apparatus
- · Unconfined compression test apparatus



ENVIRONMENTAL ENGG. LAB

- Jar Test Apparatus
- · B.O.D. Icubator Shaker
- · C.O.D. Apparatus
- Autoclave
- · Laminar air flow
- · Spectrophotometer
- Water analyzer
- · Respirable dust sampler

TRANSPORTATION ENGG LAB

- · Los angles abrasion testing machine
- Aggregate impact tester
- Ductility testing machine
- Marshall stability & compaction ASTM 1559
- · Centrifuge Extractor electrically
- · Water absorption & specific gravity

SURVEY LAB

- Dumpy level & Auto Level
- · Transit theodolite
- · Electronics Total station

COMPU. AIDED DRAFTING LAB

· AUTO CAD, STADDPRO, REVIT

COMPUTER SCIENCE ELECTRICAL LAB

GRAPHICS AND MULTIMEDIA LAB

- Quality systems for graphics and multimedia work.
- Networking for better and practical approach
- IWT laboratory courses

SYSTEM PROGRAMMING LAB

This laboratory is setup to conduct the system programming.

- Shell programming using the Linux environment.
- Visual Studio, Python.

DATABASE LAB

This lab. is setup for Database Lab.

ORACLE 10G XE.

BASIC COMPUTING LAB

 C, C++, DSTC & RDBMS programming Lab.

PROJECT LAB

This laboratory is designed for the students to work on their projects.



ONLINE APPLICATION LAB

Campus Connect program enable students to work on practical assignment by Infosys

NETWORKING AND COMPUTER ORGANIZATION LAB

 Students are exposed to the concept of networking through the LSIM and NSIM Simulators.

SOFTWARE ENGINEERING LAB

 Different Software Development Models are practised by the students using the RATIONAL ROSE software.

INTERNET AND COMPUTER CENTER

 This laboratory is setup for the students for various online activity like web surfing, online quizzes and tests etc

BASIC ELECTRICAL ENGG.

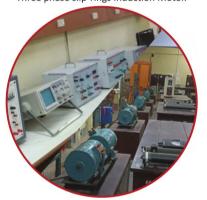
- Single Phase Transformers.
- · Single Phase Motors
- 3-Ph Power Measurements
- AC/DC Motor coupled with generators.

NETWORK DEVICES LAB

- DC/AC transient RL, RLC circuit.
- 20 MHz Digital storage Oscilloscope.
- Network Theorem kit.
- Frequency response of band passes kit.
- · Function Generators.

ELECTRICAL MACHINE LAB

- 3-phase Transformer.
- DC shunt motor coupled to generator.
- DC shunt motor coupled to Alternator.
- Synchronous Motor.
- · Three phase slip-rings Induction Motor.



POWER ELECTRONICS LAB

- · Single-phase Cycloconverter.
- Three-phase bridge-converter.
- UJT trigg. & AC/DC bridge converter.
- Buck-boost converter.
- · Three-phase diode module.

CONTROL & INSTRUMENTA. LAB

- PLC LVDT Module
- AC Servomotor Lag/ Lead compensator
- Pressure measurement Strain measurement
- DC Position control system

ELECTRICAL MEASUREMENT LAB

- Kelvin Double Bridge, Schering Bridge
- LVDT Transducers
- Hysteresis measuring device
- L-C-Q-R Meter PWM Inverter

POWER SYSTEM LAB

- HV Oil Test Kit | I IDMT Relay
- Current Injection Kit
- · Artificial transmission lines
- LCQR meter Cable fault locator
- Storage Oscilloscope MATLAB-10

ELECTRIC DRIVES LAB

- Single/3-phase AC to DC Converter
- · Four Quadrant Chopper
- · Single Phase Dual Converter
- 3-Phase IGBT based v/f Vector control AC drive
- Control unit for speed-time Characteristics

ETC ELECTRICAL & TELE COMMUNICATION LAB

BASIC ELECTRONICS LAB

- Cathode Ray Oscilloscope
- **Function Generator**
- Universal Trainer Kit
- Multimeter

ANALOGUE ELECTRONICS CIRCUITS LAB

- · Cathode Ray Oscilloscope
- · Function Generator
- Universal Trainer Kit.
- Multimeter
- Digital Electronics Circuits Lab
- Digital IC trainer Kit
- Half and Full Adder Trainer Kit
- BCD Display
- 4-bit Asynchronous Counter Kit



MICRO PROCESSOR AND MICRO CONTROLLER LAB

- 8085 microprocessor trainer kit
- 8086 microprocessor trainer kit
- 8051 microcontroller trainer kit

MICROWAVE LAB

- Microwave test bench
- Optical fibre trainer kit

ANALOGUE COMMUNICATION LAB

- · DSB/SSB AM transmitter trainer kit
- DSB/SSB AM receiver trainer kit
- FM transmitter & Receiver trainer kit
- · Amplitude modulator and demodulator trainer kit

DIGITAL COMMUNICATION LAB

- TDM, PCM Transmiter trainer kit
- TDM, PCM Receiver trainer kit
- Pulse amplitude modulator and demodulator trainer kit

DIGITAL SIGNAL PROCESSING LAB

- MATLAB Software
- TMS320C5416 DSP starter kit
- TMS320C6748 DSP starter kit

VLSI LAB

- Xilinx Software
- CCS Compiler for PIC 18F with MPLAB IDE single user
- · Iar J-link debugger for ARM

MECHANICAL I AB

WORKSHOP

- Lathe Machine.
- Shaper Machine
- Planer Machine
- Milling Machine
- **Drilling Machine**
- Welding Machine

FLUID & HYDRAULIC MACHINES LAB

- Venturi Meter & Orifice Meter Apparatus
- Bernoulli's Apparatus.
- Metacentric Height Apparatus
- Reciprocating Pump
- Centrifugal Pump
- Gear Pump
- Pelton Turbine
- Francis Turbine
- Kaplan Turbine
- Impact Of Jet Apparatus

MATERIAL TESTING LAB

- Universal Testing Machine
- **Cupping Testing Machine**
- **Torsion Testing Machine**
- Metallurgical Microscope
- Strain Gauge Unit
- Universal Governor
- Static & Dynamic Balancing Apparatus
- Journal Bearing Apparatus
- Gyroscope
- Epicyclic Gear Train
- Cam Analysis Apparatus



PRODUCTION LAB

- Mig Welding
- Sand Rammer
- Universal Strength Machine
- Lathe Tool Dynamometer
- **Drill Tool Dynamometer**
- Sieve Shaker
- Thermo Couple
- Pneumatic Trainer
- Hydraulic Trainer
- Rotameter

THERMAL LAB

- Forced Convection Heat Transfer Apparatus
- Parallel & Counter Flow Heat Exchanger
- Heat Transfer From Pin-Fin
- Heat Transfer Through Composite Wall
- Stefan-Boltzman Apparatus
- **Emissivity Apparatus**
- Refrigeration Test Rig
- Air-Conditioning Test Rig
- Mini Ice Plant
- Performance of Air Conditioning Test Rig(Duct Type)

2-Stroke and 4- stroke Petrol and Diesel



- 2 Stage Twin Cylinder Air Compressor Test Rig Energy Meter Type
- Multi cylinder 4-Stroke Petrol Engine Test Rig With Hydraulic Dynamometer
- Vertical Water Tube Boiler Model
- Single Cylinder 2-Stroke Air Cooled Petrol Engine Test Rig With Rope Brake Dynamometer
- Research engine setup
- Exhaust Gas Analyzer

CAD AND CAM LAB

- Computers
- CAD and CAM Software
- 3D Printer
- CNC Machine (XL-MILL)
- CNC Machine (XL-TURN)
- Aristo Robot

TRIBOLOGY LAB

- Pin On Disc
- Two Body Wear Tester
- Electronic Weighing Machine

MINING ENGG | AB

- Mine Machinery Lab I & II
- Mine Ventilation Lab
- Geology Lab I & II
- Mines Sruvey Lab I,II & III
- Mining Environment & Hazard lab

Center of Excellence

Department of Computer Science & Engineering We have academic collaboration with:

- Microsoft Imagine
- Oracle Academy
- Redhat Linux
- Texas Instrumentation

Training Programmes:

Infosys Spring Board Programme

- TCS LLI (Life Long Learning
- Virtual Lab (IIT Kharagpur)-
- NASSCOM FS Prime for AI & ML, BIG DATA and Analytics

Department of Electrical Engineering

- Smart building management systems and automation to be established by "Schneider Electric India Pvt. Ltd.", Gurgaon-122002, Haryana, India.
- Manufacturer of Electric Vehicles to be established by Mahindra Reva Electric Vehicles Pvt. Ltd., Bengaluru Karnataka.

Department of Electronics and Telecommunication:

 Micro Controller Based EMBEDDED SYSTEMS in collaboration with MICROCHIP ACADEMIC PROGRAMME

Department of Mechanical Engineering

- To enhance internship activities month long Internship on 3D Printing & Additive Manufacturing/ Placement Assistance is arranged for 150 students at Adhya College of Engineering & Technology for women & IES College of Engineering & Technology.
- COE "Advanced Welding Technology" established communication with Panasonic, ESAB welding for students internship and on study training courses
- Proposal established with 3D MAX for MoU and online hands on learning.

Department of Civil Engineering

- We have academic collaboration with Architectural design and Vastu
- Remote Sensing Application in GIS.

Specialised Course

B.TFCH.

Computer Science & Engineering

Cloud Computing & Data Science
Data Engineering & Mainframe Dev.
Cyber Security & Analyst
Block Chain Technology
Embedded System & Industrial IOT
Data Science & Big Data
Artificial intelligence & Machine Learning
Image & Video Processing
UI Design & Mobile App Development
Web Development Application Design
Augmented Reality & Virtual Reality
Full Stack Development

Electrical Engineering

MATLAB & Simulink ■ Installation & Maintenance of Solar Power ■ PLC, SCADA ■ Energy Management Electrical Equipment Repair & Maintenance ■ Industrial Automation

Mechanical Engineering

Hybrid Electric Vehicle Design

AutoCAD ■ Solid Works ■ Ansys

CNC Milling & Turning ■Robotics ■ 3D

Printing ■ Advance Welding

Performance analysis of Bio fuels

Civil Engineering

Revit ■ Mat Lab ■ Manual Engineering Drawing ■ Introduction to architectural designing ■ 3D Max ■ GIS

Incubation Center

Incubation Centre is providing a vibrant ecosystem for promoting innovations and entrepreneurship development. It is also providing facilities to be a potential centre of relevance and excellence in the eastern part of India. Having established as a premier laboratory incubation centre we are facilitating budding entrepreneurs.

We provide unique and highly flexible combination of business development processes, infrastructure and people, designed to nurture and grow new and small businesses by supporting them through early stages of development and change. We work with the objective

- To nurture culture of Innovation at Campus
- To engage the local people by providing them proper guidance through team of experts.
- To create start up eco system at campus
- To encourage and solve real problems.
- To create value added jobs and services



Synergy Group of **Engineering Colleges**

Dhenkanal Campus

Dr. M.P.Dash-9937320472 (Admission Head)

S.K.Nayak -9437027019 C.K.Mishra-9437962819 A.Panda-9437177467 P.R.Khutua-9437578074

Bhubaneswar Campus

Debasis Nayak-9437169419 (Admission Head)

Rakesh Kumar Dash-9437585519 Mita Sethy-9437496519 S.N.Behera-9437179819

ODISHA

ANGUL

A. Mohapatra - 9348509543 A.Panda - 9437177467 P.R.Khatua - 9437578074

Dr. M.P.Dash - 9937320472 P.K.Behera - 8908004882 A.Panda - 9437177467 C.R. Pradhan - 9438040937

TALCHER

P.R. Khatua-9437578074 Pravat Behera (T&P)- 9437106195 KENDRAPADA / SALIPUR

D.Nayak - 9437169419 D.S.Panda-8895041871 BHADRAK/JAJPUR

A.Sahoo - 9438801117 S.N.Behera - 9437179819 RAIRANGPUR & KARANJIA

D. Dash - 9437962813 BBSR / KHURDA / NAYAGARH

Debasis Nayak - 9437169419

CUTTACK / CHOUDWAR

Swarup Mohanty -9438384158 P. K. Behera - 8908004882 Dipti R. Das - 9437187119 ATHGARH / BARAMBA /NARSINGPUR S.N.Behera-9437179819

PURI / NIMAPADA / NIALI / BANKI

D.S.Panda-8895041871 JAGATSINGHPUR / PARADEEP Debasis Navak -9437169419 BARIPADA/BALASORE S.K.Nayak - 9437027019 Jiban Jyoti Patra - 8249130874

BOLANGIR / SONEPUR/ KALAHANDI /

BOUDH / PHULBANI Debasis Navak -9437169419

BERHAMPUR/GANJAM/BHANJANAGAR Rakesh Kumar Dash -9437585519

Mita Sethy-9437496519 SAMBALPUR/JHARSUGUDA/

ROURKELA/SUNDERGARH/KEONJHAR

D. Dash - 9437962813 Ananat Sahoo- 9438801117

OUTSIDE ODISHA

JHARKHAND **JAMSHEDPUR**

Debasish Dash- 09437962813

BOKARO D. Nayak- 09437169419

RANCHI & HAZARIBAG C.K.Mishra-09437962819 **DHANBAD & DEOGHAR**

P.R. Khatua- 09437578074

Debasish Dash- 09437962813 MUZAFARPUR

Debasis Nayak- 09437169419

GAYA

BIHAR

PATNA

A.Panda- 09437177467 **BHAGALPUR** P.R.Khatua- 09437578074

NORTH EAST

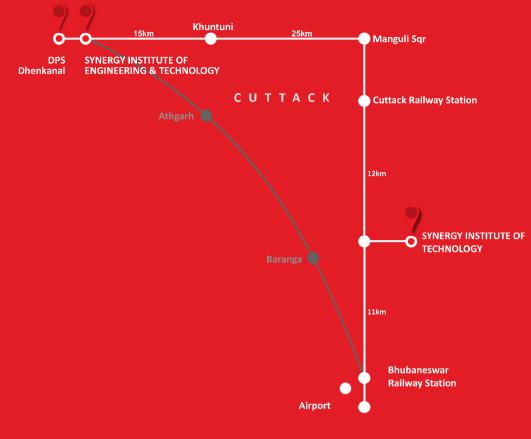
GUWAHATI/SILCHER/AGARTALA/SHILONG

S.K.Nayak-09437027019

CHHATTISGARH IAGDAI PUR

C.K.Mishra-09437962819 S.K.Nayak - 9437027019

DHENKANAL



BHUBANESWAR

SYNERGY INSTITUTE OF ENGINEERING & TECHNOLOGY

NH-55, Bypass, Dhenkanal - 759001 TelFax: 06762 225905, 226708 Fax: 06762 225699 E-mail: sietdkl@synergyinstitute.net Website: www.synergyinstitute.net

SYNERGY INSTITUTE OF TECHNOLOGY

Bhimpur, Via - Phulnakhara, P.O. Pahala, Bhubaneswar - 752101 (Odisha) Telephone: 0671 2356150, 2356151 E-mail: contact@synergyinstitute.ac.in Website: www.synergyinstitute.ac.in

SYNERGY SCHOOL OF ENGINEERING

NH-55, Bypass, Dhenkanal - 759001 TelFax: 06762 225905, 226708 Fax: 06762 225699 E-mail: sietdkl@synergyinstitute.net/ Website: www.synergyinstitute.net/sse

SYNERGY POLYTECHNIC

Bhimpur, Via - Phulnakhara, P.O. Pahala, Bhubaneswar - 752101 (Odisha) Telephone: 0671 2356137, 2356150, 2356151 E-mail: contact.diploma@synergyinstitute.ac.in Website: www.synergyinstitute.ac.in/polytechnic